Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 05 Apr 2023 until 23:59 on Thursday 06 Apr 2023

Forecast Issued on Wednesday 05 Apr 2023 at 03:18

Confidence: High for overall evolution, but lower for timing of frontal system on Wednesday and shower detail on Thursday.

Headline for Wednesday 05 Apr 2023: Cloudy with rain and turning wet and breezy for much of Wednesday.

Mountain weather hazards on Wednesday 05 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Drizzle	Heavy Rain
Precipitation probability					
70%	90%	>95%	>95%	>95%	>95%

Forecast for Wednesday 05 Apr 2023

Weather: Cloudy with outbreaks of rain spreading from the west and affecting much of the park by late morning. Outbreaks of rain then persist for much of Wednesday, occasionally giving some heavier bursts. By the end of the day the rain should become lighter and patchy.

Chance of cloud-free hill tops above 600m: 90% at first but deteriorating to 20% by late afternoon, especially on southwest facing summits.

Low cloud and visibility: Good visibility at first across eastern areas, but deteriorating moderate to poor by midday, with cloud bases lowering through the afternoon becoming persist at around 400-500m, perhaps 300m by evening, especially on southwest facing upslopes.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 05 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 SW	14/19 SW	14/20 S	15/22 S	15/22 S	14/21 SW	13/18 SW
300	10/16 S	10/15 S	11/16 S	12/18 S	12/17 S	10/16 S	9/16 SW
Valley	5/15 S	6/14 S	7/15 S	7/15 S	6/15 S	6/15 S	6/14 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	4/0	5/0	5/1	5/1	6/2	6/2
300	6/3	6/3	7/3	7/4	7/4	7/5	8/5
Valley	6/5	7/5	8/5	8/6	8/6	8/6	8/6
Freezing Level*	1600m	1800m	1900m	1900m	1900m	1900m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

As mentioned above poor visibility gradually developing, and wet conditions combined with breezy winds will give a significant chill at summit height as the day progresses.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 05 Apr 2023	0mm	0.2mm	0.2mm

Forecast for Thursday 06 Apr 2023

Weather: Patchy light rain and drizzle in the early hours, will gradually clear to showery conditions around daybreak. Showers could become heavy for a time in the first part of the day, with a low risk of thunder/hail. However, showers should become lighter and isolated through the afternoon into the evening, to give a largely dry end to the day with sunny spells.

Maximum wind: West-Northwest 20mph, gust 30-35mph, decreasing later.

Chance of cloud-free hill tops above 600m: Near zero in the early hours but improving by daybreak to become 90% or more by early afternoon.

Low cloud and visibility: Poor visibility with cloud bases around 200-400m in the early hours, but improving by daybreak with cloud breaking and gradually lifting through the morning, becoming largely clear of summits by early afternoon.

Temperature: **Valleys:** Plus 6 Celsius becoming Plus 11 Celsius in afternoon.
At 600m: Plus 7 becoming plus 2 Celsius by late evening.
Freezing level: Above summits.

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